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now available on STN
NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced
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NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11 Oct 24 BEILSTEIN adds new search fields
NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13 Nov 18 DKILIT has been renamed APOLLIT
NEWS 14 Nov 25 More calculated properties added to REGISTRY
NEWS 15 Dec 04 CSA files on STN
NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17 Dec 17 TOXCENTER enhanced with additional content
NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 20 Feb 13 CANCERLIT is no longer being updated
NEWS 21 Feb 24 METADEX enhancements
NEWS 22 Feb 24 PCTGEN now available on STN
NEWS 23 Feb 24 TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27 Mar 19 APOLLIT offering free connect time in April 2003
NEWS 28 Mar 20 EVENTLINE will be removed from STN
NEWS 29 Mar 24 PATDPAFULL now available on STN
NEWS 30 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 31 Mar 24 Indexing from 1957 to 1966 added to records in CA/CAPLUS
NEWS 32 Apr 11 Display formats in DGENE enhanced
NEWS 33 Apr 14 MEDLINE Reload

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

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FILE 'HOME' ENTERED AT 17:12:32 ON 14 APR 2003

=> FILE .RECEPTOR
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 17:12:56 ON 14 APR 2003

FILE 'LIFESCI' ENTERED AT 17:12:56 ON 14 APR 2003
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=> S DIPEPTIDE AND LINKER AND CLEAVE?
L1 9 DIPEPTIDE AND LINKER AND CLEAVE?

=> DUP REM L1
PROCESSING COMPLETED FOR L1
L2 4 DUP REM L1 (5 DUPLICATES REMOVED)

=> D 1

L2 ANSWER 1 OF 4 MEDLINE
AN 2003158477 IN-PROCESS
DN 22561847 PubMed ID: 12675501
TI Synthesis and conformational investigation of cyclic dipeptides:
7-membered rings containing alpha- and beta-amino acids.
AU Muller-Hartwig J Constanze D; Akyel Kayhan G; Zimmermann Jurg
CS Novartis Pharma AG, Combinatorial Chemistry Unit, Klybeckstr. 141, CH-4057
Basel, Switzerland.. Constanze.Mueller-Hartwig@pharma.novartis.com
SO JOURNAL OF PEPTIDE SCIENCE, (2003 Mar) 9 (3) 187-99.
Journal code: 9506309. ISSN: 1075-2617.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 20030406
Last Updated on STN: 20030406

=> D 2

L2 ANSWER 2 OF 4 MEDLINE DUPLICATE 1
AN 2002230279 MEDLINE
DN 21843407 PubMed ID: 11853934
TI Enhanced tumor cell selectivity of adriamycin-monooclonal antibody
conjugate via a poly(ethylene glycol)-based cleavable linker.
AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Kanazawa J; Okabe M;
Yamasaki M

CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6,
Asahi-machi, Machida-shi, 194-8533, Tokyo, Japan.
SO JOURNAL OF CONTROLLED RELEASE, (2002 Feb 19) 79 (1-3) 229-42.
Journal code: 8607908. ISSN: 0168-3659.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200205
ED Entered STN: 20020424
Last Updated on STN: 20020517
Entered Medline: 20020516

=> D 3

L2 ANSWER 3 OF 4 MEDLINE DUPLICATE 2
AN 2001052229 MEDLINE
DN 20473519 PubMed ID: 11018544
TI Synthesis and HPLC analysis of enzymatically cleavable **linker**
consisting of poly(ethylene glycol) and **dipeptide** for the
development of immunoconjugate.
AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Yamasaki M
CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6,
Asahi-machi, Machida-shi, Tokyo 194-8533, Japan.
SO JOURNAL OF CONTROLLED RELEASE, (2000 Oct 3) 69 (1) 27-41.
Journal code: 8607908. ISSN: 0168-3659.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200012
ED Entered STN: 20010322
Last Updated on STN: 20010322
Entered Medline: 20001213

=> D 4

L2 ANSWER 4 OF 4 MEDLINE DUPLICATE 3
AN 93038876 MEDLINE
DN 93038876 PubMed ID: 1417992
TI [Synthesis of an artificial gene coding for thymosin alpha1 and its
expression in Escherichia coli as a hybrid with human tumor necrosis
factor].
Sintez iskusstvennogo gena, kodiruiushchego timozin alpha1, i ego
ekspressiia v Escherichia coli v sostave gibridov s faktorom nekroza
opukholei cheloveka.
AU Korobko V G; Boldyreva E F; Filippov S A; Berkova N P; Dobrynin V N;
Shmelev V A; Popov S G; Evsegneev S I; Nosova L Iu
SO BIOORGANICHESKAIA KHIMIIA, (1992 May) 18 (5) 646-59.
Journal code: 7804941. ISSN: 0132-3423.
CY RUSSIA: Russian Federation
DT Journal; Article; (JOURNAL ARTICLE)
LA Russian
FS Priority Journals
EM 199211
ED Entered STN: 19930122
Last Updated on STN: 19930122
Entered Medline: 19921109

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

	ENTRY	SESSION
FULL ESTIMATED COST	5.72	5.93

FILE 'STNGUIDE' ENTERED AT 17:17:34 ON 14 APR 2003
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 11, 2003 (20030411/UP).

	SINCE FILE	TOTAL
	ENTRY	SESSION
=> FILE .RECEPTOR		
COST IN U.S. DOLLARS		
FULL ESTIMATED COST	0.60	6.53

FILE 'MEDLINE' ENTERED AT 17:23:15 ON 14 APR 2003

FILE 'LIFESCI' ENTERED AT 17:23:15 ON 14 APR 2003
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FILE 'BIOSIS' ENTERED AT 17:23:15 ON 14 APR 2003
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=> S LINKER AND CLEAVE? AND NON-ENZYMATIC* AND PEPTIDE
L3 0 LINKER AND CLEAVE? AND NON-ENZYMATIC* AND PEPTIDE

=> S PEPTIDE AND LINKER AND CLEAVE?
L4 235 PEPTIDE AND LINKER AND CLEAVE?

=> DUP REM L4
PROCESSING COMPLETED FOR L4
L5 133 DUP REM L4 (102 DUPLICATES REMOVED)

=> S L5 AND DIPEPTIDE
L6 3 L5 AND DIPEPTIDE

=> D 1

L6 ANSWER 1 OF 3 MEDLINE
AN 2002230279 MEDLINE
DN 21843407 PubMed ID: 11853934
TI Enhanced tumor cell selectivity of adriamycin-monooclonal antibody
conjugate via a poly(ethylene glycol)-based cleavable **linker**.
AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Kanazawa J; Okabe M;
Yamasaki M
CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6,
Asahi-machi, Machida-shi, 194-8533, Tokyo, Japan.
SO JOURNAL OF CONTROLLED RELEASE, (2002 Feb 19) 79 (1-3) 229-42.
Journal code: 8607908. ISSN: 0168-3659.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200205
ED Entered STN: 20020424
Last Updated on STN: 20020517
Entered Medline: 20020516

=> D 2

L6 ANSWER 2 OF 3 MEDLINE

AN 2001052229 MEDLINE
 DN 20473519 PubMed ID: 11018544
 TI Synthesis and HPLC analysis of enzymatically cleavable linker
 consisting of poly(ethylene glycol) and dipeptide for the
 development of immunoconjugate.
 AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Yamasaki M
 CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6,
 Asahi-machi, Machida-shi, Tokyo 194-8533, Japan.
 SO JOURNAL OF CONTROLLED RELEASE, (2000 Oct 3) 69 (1) 27-41.
 Journal code: 8607908. ISSN: 0168-3659.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200012
 ED Entered STN: 20010322
 Last Updated on STN: 20010322
 Entered Medline: 20001213

=> D 3

L6 ANSWER 3 OF 3 MEDLINE
 AN 93038876 MEDLINE
 DN 93038876 PubMed ID: 1417992
 TI [Synthesis of an artificial gene coding for thymosin alpha1 and its
 expression in Escherichia coli as a hybrid with human tumor necrosis
 factor].
 Sintez iskusstvennogo gena, kodiruiushchego timozin alpha1, i ego
 ekspressiia v Escherichia coli v sostave gibridov s faktorom nekroza
 opukholei cheloveka.
 AU Korobko V G; Boldyreva E F; Filippov S A; Berkova N P; Dobrynin V N;
 Shmelev V A; Popov S G; Evsegneev S I; Nosova L Iu
 SO BIOORGANICHESKAIA KHIMIIA, (1992 May) 18 (5) 646-59.
 Journal code: 7804941. ISSN: 0132-3423.
 CY RUSSIA: Russian Federation
 DT Journal; Article; (JOURNAL ARTICLE)
 LA Russian
 FS Priority Journals
 EM 199211
 ED Entered STN: 19930122
 Last Updated on STN: 19930122
 Entered Medline: 19921109

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	5.18	11.71

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FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Apr 11, 2003 (20030411/UP).

=> FILE .CANCER

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.90	12.61

FILE 'CANCERLIT' ENTERED AT 17:36:37 ON 14 APR 2003

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=> S DIPEPTIDE AND LINKER AND NON-ENZYMATIC*
L7 0 DIPEPTIDE AND LINKER AND NON-ENZYMATIC*

=> S DIPEPTIDE AND LINKER
L8 145 DIPEPTIDE AND LINKER

=> DUP REM L8
PROCESSING COMPLETED FOR L8
L9 82 DUP REM L8 (63 DUPLICATES REMOVED)

=> S L9 AND CLEAV*
L10 0 L9 AND CLEAV*

=> S L9 AND CLEAVABLE
L11 12 L9 AND CLEAVABLE

=>

=> D 1

L11 ANSWER 1 OF 12 CANCERLIT
AN 2002144778 CANCERLIT
DN 21843407 PubMed ID: 11853934
TI Enhanced tumor cell selectivity of adriamycin-monoclonal antibody
conjugate via a poly(ethylene glycol)-based **cleavable**
linker.
AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Kanazawa J; Okabe M;
Yamasaki M
CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6,
Asahi-machi, Machida-shi, 194-8533, Tokyo, Japan.
SO JOURNAL OF CONTROLLED RELEASE, (2002 Feb 19) 79 (1-3) 229-42.
Journal code: 8607908. ISSN: 0168-3659.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS MEDLINE; Priority Journals
OS MEDLINE 2002230279
EM 200205
ED Entered STN: 20020726
Last Updated on STN: 20020726

=> D 2

L11 ANSWER 2 OF 12 CANCERLIT
AN 2000473519 CANCERLIT
DN 20473519 PubMed ID: 11018544
TI Synthesis and HPLC analysis of enzymatically **cleavable**
linker consisting of poly(ethylene glycol) and **dipeptide**
for the development of immunoconjugate.
AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Yamasaki M
CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6,

Asahi-machi, Machida-shi, Tokyo 194-8533, Japan.
SO JOURNAL OF CONTROLLED RELEASE, (2000 Oct 3) 69 (1) 27-41.
Journal code: 8607908. ISSN: 0168-3659.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS MEDLINE; Priority Journals
OS MEDLINE 2001052229
EM 200012
ED Entered STN: 20010423
Last Updated on STN: 20010423

=> D 3

L11 ANSWER 3 OF 12 CANCERLIT
AN 2000456495 CANCERLIT
DN 20456495 PubMed ID: 11003162
TI Synthesis of a novel duocarmycin derivative DU-257 and its application to
immunoconjugate using poly(ethylene glycol)-dipeptidyl linker
capable of tumor specific activation.
AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Yamasaki M
CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd, Japan.
SO BIOORGANIC AND MEDICINAL CHEMISTRY, (2000 Aug) 8 (8) 2175-84.
Journal code: 9413298. ISSN: 0968-0896.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS MEDLINE; Priority Journals
OS MEDLINE 2000449180
EM 200102
ED Entered STN: 20010423
Last Updated on STN: 20010423

=> D 4

L11 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 2002:453441 CAPLUS
DN 137:190578
TI Cathepsin B-Labile Dipeptide Linkers for Lysosomal Release of
Doxorubicin from Internalizing Immunoconjugates: Model Studies of
Enzymatic Drug Release and Antigen-Specific In Vitro Anticancer Activity
AU Dubowchik, Gene M.; Firestone, Raymond A.; Padilla, Linda; Willner, David;
Hofstead, Sandra J.; Mosure, Kathleen; Knipe, Jay O.; Lasch, Shirley J.;
Trail, Pamela A.
CS Bristol-Myers Squibb Pharmaceutical Research Institute, Wallingford, CT,
06492, USA
SO Bioconjugate Chemistry (2002), 13(4), 855-869
CODEN: BCCHES; ISSN: 1043-1802
PB American Chemical Society
DT Journal
LA English
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> D 5

L11 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 2001:525108 CAPLUS
DN 136:179454
TI Linkers for improved cleavage of fusion proteins with an engineered
.alpha.-lytic protease

AU Lien, Samantha; Milner, Steven J.; Graham, Lloyd D.; Wallace, John C.; Francis, Geoffrey L.
 CS Cooperative Research Centre for Tissue Growth and Repair: Department of Biochemistry, University of Adelaide, SA, 5005, Australia
 SO Biotechnology and Bioengineering (2001), 74(4), 335-343
 CODEN: BIBIAU; ISSN: 0006-3592
 PB John Wiley & Sons, Inc.
 DT Journal
 LA English
 RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> D 6

L11 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:208508 CAPLUS
 DN 134:249215
 TI Substrates and screening methods for transport proteins
 IN Dower, William J.; Gallop, Mark; Barrett, Ronald W.; Cundy, Kenneth C.; Chernov-Rogan, Tania
 PA Xenoport, Inc., USA
 SO PCT Int. Appl., 144 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001020331	A1	20010322	WO 2000-US25439	20000914
	WO 2001020331	C2	20021003		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1212619	A1	20020612	EP 2000-966735	20000914
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
PRAI	US 1999-154071P	P	19990914		
	WO 2000-US25439	W	20000914		
RE.CNT	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

=> D 7

L11 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2003 ACS
 AN 2000:911424 CAPLUS
 DN 134:66127
 TI Pyrrhocoricin-derived peptides and methods of use for treating bacterial and fungal infections
 IN Otvos, Laszlo, Jr.
 PA The Wistar Institute of Anatomy and Biology, USA
 SO PCT Int. Appl., 75 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI WO 2000078956 A1 20001228 WO 2000-US16989 20000621
 W: AU, CA, JP, US
 RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE
 EP 1194548 A1 20020410 EP 2000-946829 20000621
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI
 PRAI US 1999-140606P P 19990623
 US 1999-154135P P 19990915
 WO 2000-US16989 W 20000621
 OS MARPAT 134:66127
 RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> D 8

L11 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2003 ACS
 AN 2000:53871 CAPLUS
 DN 132:107044
 TI Manufacture of peptides with a pI above 8 or below 5 as fusion proteins
 containing an acid labile peptide bond
 IN Pollitt, N. Stephen; Buckley, Douglas I.; Stathis, Peter A.; Hartman,
 Taymar E.; Zhong, Ziyang
 PA Scios Inc., USA
 SO PCT Int. Appl., 40 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000003011	A2	20000120	WO 1999-US15147	19990708
	WO 2000003011	A3	20000615		
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2334160	AA	20000120	CA 1999-2334160	19990708
	AU 9948595	A1	20000201	AU 1999-48595	19990708
	EP 1095141	A2	20010502	EP 1999-932242	19990708
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	US 6303340	B1	20011016	US 1999-349644	19990708
	JP 2002520018	T2	20020709	JP 2000-559232	19990708
PRAI	US 1998-92423P	P	19980710		
	WO 1999-US15147	W	19990708		

=> D 9

L11 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:787151 CAPLUS
 DN 123:199411
 TI Preparation of selectively cleavable linkers based on
 iminodiacetic acid ester bonds for solid phase support in peptide
 synthesis
 IN Lebl, Michal; Krchnak, Viktor; Kocis, Petr; Lam, Kit S.

PA Selectide Corp., USA
 SO PCT Int. Appl., 86 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9500165	A1	19950105	WO 1994-US7012	19940621
	W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KG, KR, KZ, LK, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, UA, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2165780	AA	19950105	CA 1994-2165780	19940621
	AU 9471145	A1	19950117	AU 1994-71145	19940621
	AU 689116	B2	19980326		
	JP 09500111	T2	19970107	JP 1994-503047	19940621
	EP 751779	A1	19970108	EP 1994-920294	19940621
	EP 751779	B1	20011219		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	EP 1156059	A1	20011121	EP 2001-114395	19940621
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI				
	AT 210993	E	20020115	AT 1994-920294	19940621
	ES 2165880	T3	20020401	ES 1994-920294	19940621
PRAI	US 1993-80388	A	19930621		
	US 1993-81997	A	19930623		
	EP 1994-920294	A3	19940621		
	WO 1994-US7012	W	19940621		

=> D 10

L11 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2003 ACS
 AN 1993:493697 CAPLUS
 DN 119:93697
 TI Preparation of physiologically active proteins via fusion proteins
 IN Mori, Tokuo; Maekawa, Keiji; Izumi, Atsushi; Sudo, Tetsuji
 PA Daiichi Kagaku Yakuhin Kk, Japan; Daiichi Seiyaku Co
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05068581	A2	19930323	JP 1991-230597	19910910
PRAI	JP 1991-230597		19910910		

=> D 11

L11 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2003 ACS
 AN 1992:585803 CAPLUS
 DN 117:185803
 TI Linker-inserted mutagenesis of the poliovirus 2A protease and its substrate simultaneously expressed in Escherichia coli cells
 AU Slobodskaya, O. R.; Gorbalenya, A. E.
 CS Inst. Polio. Viral Encephalitis, Moscow, Russia
 SO Biokhimiya (Moscow) (1992), 57(7), 1057-64
 CODEN: BIOHAO; ISSN: 0320-9725
 DT Journal
 LA Russian

=> D 12

L11 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 1987:541105 CAPLUS
DN 107:141105
TI Synthetic polymeric drugs
IN Kopecek, Jindrich; Rejmanova, Pavla; Strohalm, Jiri; Ulbrich, Karel;
Rihova, Blanka; Chytry, Vladimir; Lloyd, John B.; Duncan, Ruth
PA Ceskoslovenska Akademie Ved, Czech.; Carlton Medical Products Ltd.
SO Eur. Pat. Appl., 70 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 187547	A2	19860716	EP 1985-309560	19851231
	EP 187547	A3	19870722		
	EP 187547	B1	19910227		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	AT 60991	E	19910315	AT 1985-309560	19851231
	DK 8600033	A	19860705	DK 1986-33	19860103
	DK 164485	B	19920706		
	DK 164485	C	19921123		
	AU 8651833	A1	19860710	AU 1986-51833	19860103
	AU 589587	B2	19891019		
	CA 1305053	A1	19920714	CA 1986-498931	19860103
	JP 61243026	A2	19861029	JP 1986-137	19860104
	JP 07005474	B4	19950125		
	US 5037883	A	19910806	US 1989-438352	19891117
	JP 07300428	A2	19951114	JP 1994-140759	19940531
PRAI	GB 1985-209		19850104		
	EP 1985-309560		19851231		

=> FIL MEDLINE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	30.64	43.25

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FILE LAST UPDATED: 10 APR 2003 (20030410/UP). FILE COVERS 1958 TO DATE.

On April 13, 2003, MEDLINE was reloaded. See HELP RLOAD for details.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2003 vocabulary. See <http://www.nlm.nih.gov/mesh/changes2003.html> for a description on changes.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> SET NOTICE DISPLAY 1

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> D ACC 2002230279 ALL

ANSWER 1 MEDLINE
AN 2002230279 MEDLINE

DN 21843407 PubMed ID: 11853934
 TI Enhanced tumor cell selectivity of adriamycin-monoclonal antibody conjugate via a poly(ethylene glycol)-based cleavable linker.
 AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Kanazawa J; Okabe M; Yamasaki M
 CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6, Asahi-machi, Machida-shi, 194-8533, Tokyo, Japan.
 SO JOURNAL OF CONTROLLED RELEASE, (2002 Feb 19) 79 (1-3) 229-42.
 Journal code: 8607908. ISSN: 0168-3659.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200205
 ED Entered STN: 20020424
 Last Updated on STN: 20020517
 Entered Medline: 20020516
 AB A novel linker consisting of poly(ethylene glycol) (PEG) and dipeptide was used for conjugation of adriamycin with tumor-specific monoclonal antibody, NL-1, to confirm that the linker can be cleaved selectively with the tumor specific enzyme to express cytotoxicity of the anti-tumor agent. Initially, adriamycin-conjugated PEG linkers through different amino acid compositions, alanyl-valine (Ala-Val), alanyl-proline (Ala-Pro), and glycyl-proline (Gly-Pro) sequences, were prepared to confirm selective digestion with model enzymes. Adriamycin was released by particular model endoproteases, thermolysin and proline endopeptidase, from the linkers with different efficiency. When conjugates were prepared using these adriamycin-bound linkers, conjugates had no loss of binding affinity and specificity for common acute lymphoblastic leukemia antigen (CALLA) expressed on the Daudi cell surfaces as the target of NL-1 antibody. In addition, adriamycin release from the conjugates was also confirmed by incubating them with specific proteases. Tumor cell growth was inhibited dose-dependently for the conjugates carrying Ala-Val and Gly-Pro linkers, whereas significant inhibitory effect was abolished for the conjugate carrying Ala-Pro linker, indicating that cytotoxic effect can be controlled by specificity of antibody and composition of linker peptide. IC(50) for Ala-Val linked conjugate was approximately 3.5 microg/ml and that for Gly-Pro linked conjugate was 5.2 microg/ml. PEG-dipeptidyl linker demonstrated here will be an effective tool for the preparation of immunoconjugate, especially specific activation of anti-tumor agents at desired tumor tissues.
 CT Check Tags: Human
 *Antibodies, Monoclonal: CH, chemistry
 Antibodies, Monoclonal: PK, pharmacokinetics
 Antibodies, Monoclonal: TO, toxicity
 *Antineoplastic Agents: CH, chemistry
 Antineoplastic Agents: IP, isolation & purification
 Antineoplastic Agents: PK, pharmacokinetics
 Antineoplastic Agents: TO, toxicity
 Binding Sites
 Chemistry, Pharmaceutical
 Dose-Response Relationship, Drug
 *Doxorubicin: CH, chemistry
 Doxorubicin: PK, pharmacokinetics
 Doxorubicin: TO, toxicity
 Drug Carriers: CH, chemistry
 Drug Carriers: IP, isolation & purification
 Drug Carriers: PK, pharmacokinetics
 Drug Carriers: TO, toxicity
 Drug Evaluation, Preclinical: MT, methods
 Drug Screening Assays, Antitumor: MT, methods
 HeLa Cells: DE, drug effects
 HeLa Cells: IM, immunology
 *Immunotoxins: CH, chemistry

Immunotoxins: IP, isolation & purification
 Immunotoxins: PK, pharmacokinetics
 Immunotoxins: TO, toxicity
 *Polyethylene Glycols: CH, chemistry
 Polyethylene Glycols: PK, pharmacokinetics
 Polyethylene Glycols: TU, therapeutic use
 Solvents
 Tumor Cells, Cultured: DE, drug effects
 Tumor Cells, Cultured: IM, immunology
 RN 23214-92-8 (Doxorubicin)
 CN 0 (Antibodies, Monoclonal); 0 (Antineoplastic Agents); 0 (Drug Carriers);
 0 (Immunotoxins); 0 (Polyethylene Glycols); 0 (Solvents)

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND
 SET COMMAND COMPLETED

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=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.29	49.54

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FULL ESTIMATED COST	1.50	51.04

FILE 'MEDLINE' ENTERED AT 18:08:20 ON 14 APR 2003

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=> S INTERFERON AND MET-NLE AND PEG

L12 0 INTERFERON AND MET-NLE AND PEG

=> S MET-NLE

L13 18 MET-NLE

=> DUP REM L13

PROCESSING COMPLETED FOR L13

L14 11 DUP REM L13 (7 DUPLICATES REMOVED)

=> D 1

L14	ANSWER 1 OF 11	MEDLINE	DUPLICATE 1
AN	2001232456	MEDLINE	
DN	21093215	PubMed ID: 11170367	
TI	New PEGs for peptide and protein modification, suitable for identification		

of the PEGylation site.
AU Veronese F M; Sacca B; Polverino de Laureto P; Sergi M; Caliceti P;
Schiavon O; Orsolini P
CS Department of Pharmaceutical Sciences, University of Padova, Via Marzolo
5, 35131 Padova, Italy.. veronese@pdfar3.dsfarm.unipd.it
SO BIOCONJUGATE CHEMISTRY, (2001 Jan-Feb) 12 (1) 62-70.
Journal code: 9010319. ISSN: 1043-1802.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200105
ED Entered STN: 20010517
Last Updated on STN: 20010517
Entered Medline: 20010503

=> D 2

L14 ANSWER 2 OF 11 MEDLINE
AN 2000120638 MEDLINE
DN 20120638 PubMed ID: 10653796
TI Membrane partitioning of the cleavage peptide in flock house virus.
AU Bong D T; Janshoff A; Steinem C; Ghadiri M R
CS Departments of Chemistry and Molecular Biology and the Skaggs Institute
for Chemical Biology, The Scripps Research Institute, La Jolla, California
92037, USA.
SO BIOPHYSICAL JOURNAL, (2000 Feb) 78 (2) 839-45.
Journal code: 0370626. ISSN: 0006-3495.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200002
ED Entered STN: 20000314
Last Updated on STN: 20000314
Entered Medline: 20000225

=> D 3

L14 ANSWER 3 OF 11 MEDLINE
AN 2001067122 MEDLINE
DN 20532486 PubMed ID: 11078607
TI A peptide based on the sequence of the CDR3 of a murine anti-DNA mAb is a
better modulator of experimental SLE than its single amino
acid-substituted analogs.
AU Brosh N; Zinger H; Fridkin M; Mozes E
CS Department of Immunology, The Weizmann Institute of Science, Rehovot,
76100, Israel.
SO CELLULAR IMMUNOLOGY, (2000 Oct 10) 205 (1) 52-61.
Journal code: 1246405. ISSN: 0008-8749.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200012
ED Entered STN: 20010322
Last Updated on STN: 20021008
Entered Medline: 20001222

=> D 4

L14 ANSWER 4 OF 11 MEDLINE DUPLICATE 2
AN 1999452931 MEDLINE
DN 99452931 PubMed ID: 10521426
TI The human cytotoxic T cell granule serine protease granzyme H has
chymotrypsin-like (chymase) activity and is taken up into cytoplasmic
vesicles reminiscent of granzyme B-containing endosomes.
AU Edwards K M; Kam C M; Powers J C; Trapani J A
CS The John Connell Laboratory, The Austin Research Institute, Studley Road,
Heidelberg, 3084, Australia.
NC GM 54401 (NIGMS)
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Oct 22) 274 (43) 30468-73.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199911
ED Entered STN: 20000111
Last Updated on STN: 20000111
Entered Medline: 19991123

=> D 5

L14 ANSWER 5 OF 11 MEDLINE
AN 1999238307 MEDLINE
DN 99238307 PubMed ID: 10220319
TI An animal virus-derived peptide switches membrane morphology: possible
relevance to nodaviral transfection processes.
AU Janshoff A; Bong D T; Steinem C; Johnson J E; Ghadiri M R
CS Department of Chemistry, Skaggs Institute for Chemical Biology, The
Scripps Research Institute, La Jolla, California 92037, USA.
SO BIOCHEMISTRY, (1999 Apr 27) 38 (17) 5328-36.
Journal code: 0370623. ISSN: 0006-2960.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199905
ED Entered STN: 19990601
Last Updated on STN: 19990601
Entered Medline: 19990514

=> D 6

L14 ANSWER 6 OF 11 MEDLINE
AN 1999310968 MEDLINE
DN 99310968 PubMed ID: 10381406
TI A highly membrane-active peptide in Flock House virus: implications for
the mechanism of nodavirus infection.
AU Bong D T; Steinem C; Janshoff A; Johnson J E; Reza Ghadiri M
CS Departments of Chemistry and Molecular Biology at the Scripps Research
Institute, Skaggs Institute for Chemical Biology, La Jolla, CA 92037, USA.
SO CHEMISTRY AND BIOLOGY, (1999 Jul) 6 (7) 473-81.
Journal code: 9500160. ISSN: 1074-5521.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199908
ED Entered STN: 19990820
Last Updated on STN: 19990820
Entered Medline: 19990809

=> D 7

L14 ANSWER 7 OF 11 MEDLINE DUPLICATE 3
AN 1998342156 MEDLINE
DN 98342156 PubMed ID: 9675278
TI Specificity of human cathepsin G.
AU Polanowska J; Krokoszynska I; Czapinska H; Watorek W; Dadlez M; Otlewski J
CS Institute of Biochemistry and Molecular Biology, University of Wroclaw,
Tamka 2, 50-137 Wroclaw, Poland.
SO BIOCHIMICA ET BIOPHYSICA ACTA, (1998 Jul 28) 1386 (1) 189-98.
Journal code: 0217513. ISSN: 0006-3002.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199809
ED Entered STN: 19980917
Last Updated on STN: 19980917
Entered Medline: 19980909

=> D 8

L14 ANSWER 8 OF 11 MEDLINE
AN 96126561 MEDLINE
DN 96126561 PubMed ID: 8595396
TI Binding of amino acids to the cationic surfactant
cetyltrimethylammoniumbromide.
AU Cserhati T; Forgacs E
CS Central Research Institute for Chemistry, Hungarian Academy of Sciences,
Budapest, Hungary.
SO BIOCHEMISTRY AND MOLECULAR BIOLOGY INTERNATIONAL, (1995 Oct) 37 (3)
555-62.
Journal code: 9306673. ISSN: 1039-9712.
CY Australia
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199604
ED Entered STN: 19960424
Last Updated on STN: 19980206
Entered Medline: 19960417

=> D 9

L14 ANSWER 9 OF 11 MEDLINE DUPLICATE 4
AN 94176983 MEDLINE
DN 94176983 PubMed ID: 8130634
TI Charge-transfer chromatographic study on the interaction of amino acids
with ethoxylated stearic acid surfactants.
AU Cserhati T
CS Central Research Institute for Chemistry, Hungarian Academy of Sciences,
Budapest.
SO BIOMEDICAL CHROMATOGRAPHY, (1994 Jan-Feb) 8 (1) 45-8.
Journal code: 8610241. ISSN: 0269-3879.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199404
ED Entered STN: 19940428

Last Updated on STN: 19940428
Entered Medline: 19940421

=> D 10

L14 ANSWER 10 OF 11 MEDLINE DUPLICATE 5
AN 93322628 MEDLINE
DN 93322628 PubMed ID: 8392528
TI Effects of monomethylfumarate on human granulocytes.
AU Nibbering P H; Thio B; Zomerdijs T P; Bezemer A C; Beijersbergen R L; van Furth R
CS Department of Infectious Diseases, University Hospital, Leiden, The Netherlands.
SO JOURNAL OF INVESTIGATIVE DERMATOLOGY, (1993 Jul) 101 (1) 37-42.
Journal code: 0426720. ISSN: 0022-202X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199308
ED Entered STN: 19930826
Last Updated on STN: 20000303
Entered Medline: 19930819

=> D 11

L14 ANSWER 11 OF 11 MEDLINE DUPLICATE 6
AN 81190272 MEDLINE
DN 81190272 PubMed ID: 6785181
TI The cleavage of the Met-Lys bond in a bradykinin derivative by glandular kallikreins.
AU Araujo-Viel M S; Juliano L; Prado E S
SO HOPPE-SEYLER'S ZEITSCHRIFT FUR PHYSIOLOGISCHE CHEMIE, (1981 Mar) 362 (3) 337-45.
Journal code: 2985060R. ISSN: 0018-4888.
CY GERMANY, WEST: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198107
ED Entered STN: 19900316
Last Updated on STN: 20000303
Entered Medline: 19810709

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.06	56.10

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